



Department of Physics
Faculty of Science / University of Peradeniya



Dr. E.N. Jayaweera

B.Sc., Ph.D. (Perad.)

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About Me

I received my B.Sc. (Special Degree in Physics) in 2010, and my Ph.D. in 2016 from the University of Peradeniya, Sri Lanka. I worked as a Postdoctoral Researcher at the Department of Electrical and Computer Engineering, Sungkyunkwan University in South Korea from 2017 to 2019. I then worked as a Postdoctoral Researcher at Sri Lanka Technological Campus from 2019 to 2020. I joined the Department of Physics in December 2020. My research interests include dye-sensitized solar cells and micro-scale energy harvesting.

Higher Education Qualifications

🎓 **BSc**

University of Peradeniya
Sri Lanka
(2010)

🎓 **PhD**

University of Peradeniya
Sri Lanka
(2016)

Awards, Scholarships, Memberships & Fellowships



President's Award for Scientific Publications (for 2014 and 2015)

Positions Held



Secretary, Physics Departmental Committee- (2021-2022)










Postdoctoral Researcher at Sungkyunkwan University, South Korea- (2017-2019)



Postdoctoral Researcher at Sri Lanka Technological Campus- (2019-2020)

My Teachings

-  AS463: Energy; Sources and Conservation
-  PH366: Physics of Atmosphere Weather and Climate
-  PH374: Experimental Techniques and Material Characterization
-  PH455: Polymer Physics
-  PHY2112: Vibration and Waves
-  PHY3602: Solid State Physics I
-  PHY3872: Introductory Nanoscience

Research Interests (Research Fields/ Projects)

Dye-sensitized Solar Cells, Triboelectric Nanogenerators

Ongoing Research and Projects



Nothing to show under this subheading !!!

Key Publications



Nothing to show under this subheading !!!

Conferences



Nothing to show under this subheading !!!

My Publications

Please goto the website.

<https://sci.pdn.ac.lk/physics/staff/Eranji-Jayaweera>